



A.D. 1858, *5th AUGUST.* N<sup>o</sup> 1776.

S P E C I F I C A T I O N

OF

JOZÉ LUIS.

—  
TRUSS.  
—

LONDON:

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*Prior 6d.*

1859.





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A.D. 1858, 5th AUGUST. N° 1776.

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**Truss.**

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**LETTERS PATENT** to Jozé Luis, Patent Agent, of 1<sup>B</sup>, Welbeck Street, Cavendish Sq<sup>re</sup>, London, in the County of Middlesex, for the Invention of “**A NEW SYSTEM OF TRUSS.**”—A communication.

Sealed the 28th January 1859, and dated the 5th August 1858.

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**PROVISIONAL SPECIFICATION** left by the said Jozé Luis at the Office of the Commissioners of Patents, with his Petition, on the 5th August 1858.

I, JOZÉ LUIS, Patent Agent, of 1<sup>B</sup>, Welbeck Street, Cavendish Sq<sup>re</sup>, London, 5 in the County of Middlesex, do hereby declare the nature of the said Invention for “**A SYSTEM OF TRUSS,**” (a communication to me from a foreigner residing abroad,) to be as follows :—

Till the present Invention, the bandages employed were formed of leather pads, stuffed ; these at the end of a certain time become inconvenient by the  
10 want of air on the parts affected, and sometimes cause tumifaction. The springs of the trusses hitherto used are more heavy and clumsy, and the bands more material ; the new system has none of these inconveniences, and may be described as follows :—

Double bandage.—The back pads are made round and moveable, and are  
15 pierced with holes, in order to establish a current of air ; they thus prevent the heating of the part covered by the pad of the spring. The under part of



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*Luis' New System of Truss.*

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the pad is made of cork, and the over plate of metal. The holes in the cork are larger than those of the metal. The end of the spring is joined to the back part of the pad by means of a screw. A leather band is attached to the two pads; thus the pressure does not fall on the spine. The inner side of the front pads are hollowed out, the outer side is placed along the thigh, the pad 5 is formed so as to suit the size of the stomach of the person affected; the lower part of the end is hollowed out, and has a sort of chin at the bottom, formed to enclose the pubis. The pads are moveable, but by means of two screws fixing into holes in the pads which join the front band, the necessary shape can be given. The outer plates of the pads are of copper, silvered to 10 prevent oxydation, but they can of course be made of any metal.

The single bandage is on the same principal as the one above described.

These bandages can be made for behind, the outer plate of the pad being of the same piece of metal as the spring, so being less thick on the body. In using this bandage, it is advisable to steep the cork for a short period some- 15 times in some white wine, to give a proper elasticity to the cork, and also to act in some measure as a tonic to the part affected.

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**SPECIFICATION** in pursuance of the conditions of the Letters Patent, filed by the said Jozé Luis in the Great Seal Patent Office on the 4th February 1859.

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**TO ALL TO WHOM THESE PRESENTS SHALL COME**, I, JOZÉ LUIS, Patent Agent, of 1<sup>B</sup>, Welbeck Street, Cavendish Square, London, in the County of Middlesex, send greeting.

**WHEREAS** Her most Excellent Majesty Queen Victoria, by Her Letters Patent, bearing date the Fifth day of August, in the year of our Lord One 25 thousand eight hundred and fifty-eight, in the twenty-first year of Her reign, did, for Herself, Her heirs and successors, give and grant unto me, the said Jozé Luis, Her special licence that I, the said Jozé Luis, my executors, administrators, and assigns, or such others as I, the said Jozé Luis, my executors, administrators, and assigns, should at any time agree with, and 30 no others, from time to time and at all times thereafter during the term therein expressed, should and lawfully might make, use, exercise, and vend, within the United Kingdom of Great Britain and Ireland, the Channel Islands, and Isle of Man, an Invention for "**A NEW SYSTEM OF TRUSS**," (a communication,) upon the condition (amongst others) that I, the said Jozé 35



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*Luis' New System of Truss.*

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Luis, my executors or administrators, by an instrument in writing under my, or their, or one of their hands and seals, should particularly describe and ascertain the nature of the said Invention, and in what manner the same was to be performed, and cause the same to be filed in the Great Seal  
5 Patent Office within six calendar months next and immediately after the date of the said Letters Patent.

NOW KNOW YE, that I, the said Jozé Luis, do hereby declare the nature of my said Invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following  
10 statement (and accompanying Drawings), that is to say:—

Till the present Invention the bandages employed in hernia were formed for the most part of leather pads stuffed; these at the end of a certain time become inconvenient from want of air on the parts affected, and thus sometimes cause tumifaction. The springs of the trusses were also more heavy and  
15 clumsy, and the bands more material; the present Invention has none of these inconveniences, and may be described as follows:—

Double bandage, Fig. 2.—The back pads A & B are made round and moveable, & are pierced with holes, in order to establish a current of air; they thus prevent the heating of the part covered by the pad of the spring.  
20 The under part of the pad is made of cork, and the over plate is of metal. The holes in the cork are larger than those of the metal. The end of the spring D is joined to the back part of the round pad A by means of a screw to each pad. A leather band C is attached to the two pads, thus the pressure does not fall on the spine. The inner side of the front pads G & H are  
25 hollowed out. The outer side is placed along the thigh; the pad is formed so as to suit the size of the stomach of the person affected, the lower part of the end is hollowed out, & has the form of a sort of chin at the bottom, so formed to enclose the pubis, so that the under thigh piece is not required. The pads are moveable, but by means of two screws which join the front band,  
30 the necessary slope can be given by means of the reserved holes in the plates. The outer plates of the pads are of copper, silvered or otherwise, in order to prevent oxydation, but they can of course be made of every sort of metal.

The single bandage is on the same principle as the one above described.

Fig. 1 represents a bandage for the right side; its use is the same as with  
35 the doubles, and produces the same results. The great band is joined to the front pad, and is buttoned by means of a screw.

The bandages can be made for behind, the outer plate of the pad being of the same piece of metal as the spring, having the same holes, and so offering

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*Luis' New System of Truss.*

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less thickness on the body. In using this bandage, it is advisable to steep the cork sometimes the evening for a short time in some white wine to give a proper elasticity to the cork, & also to act in some measure as a tonic to the part affected.

In witness whereof, I, the said Jozé Luis, have hereunto set my hand 5  
and seal, this Fourth day of February, in the year of our Lord One  
thousand eight hundred and fifty-nine.

JOZÉ LUIS. (L.S.)

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LONDON :

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,  
Printers to the Queen's most Excellent Majesty. 1859.



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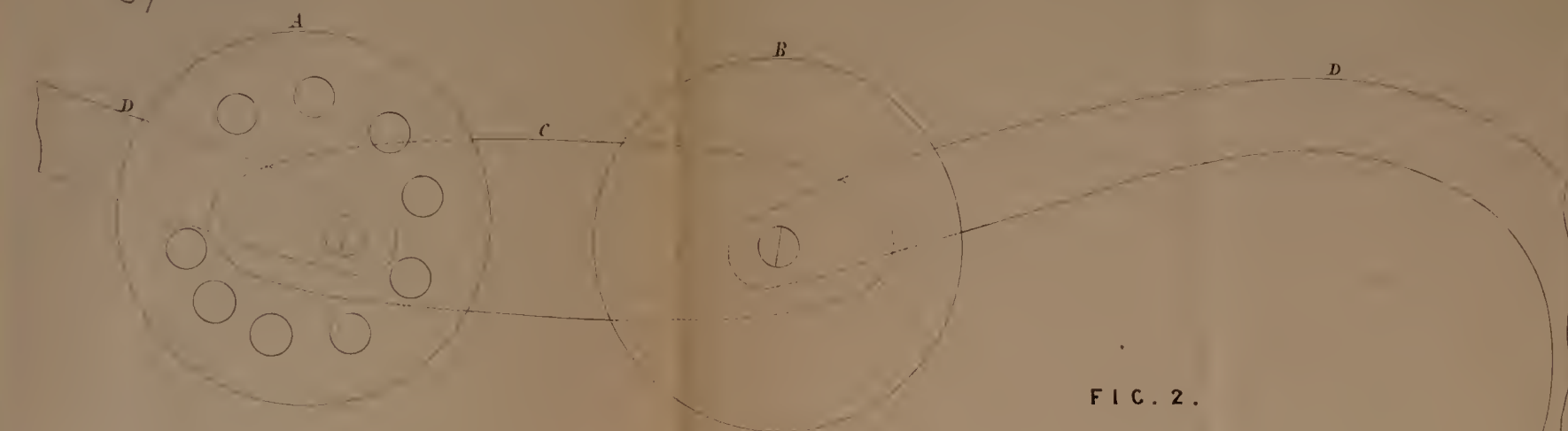


FIG. 2.

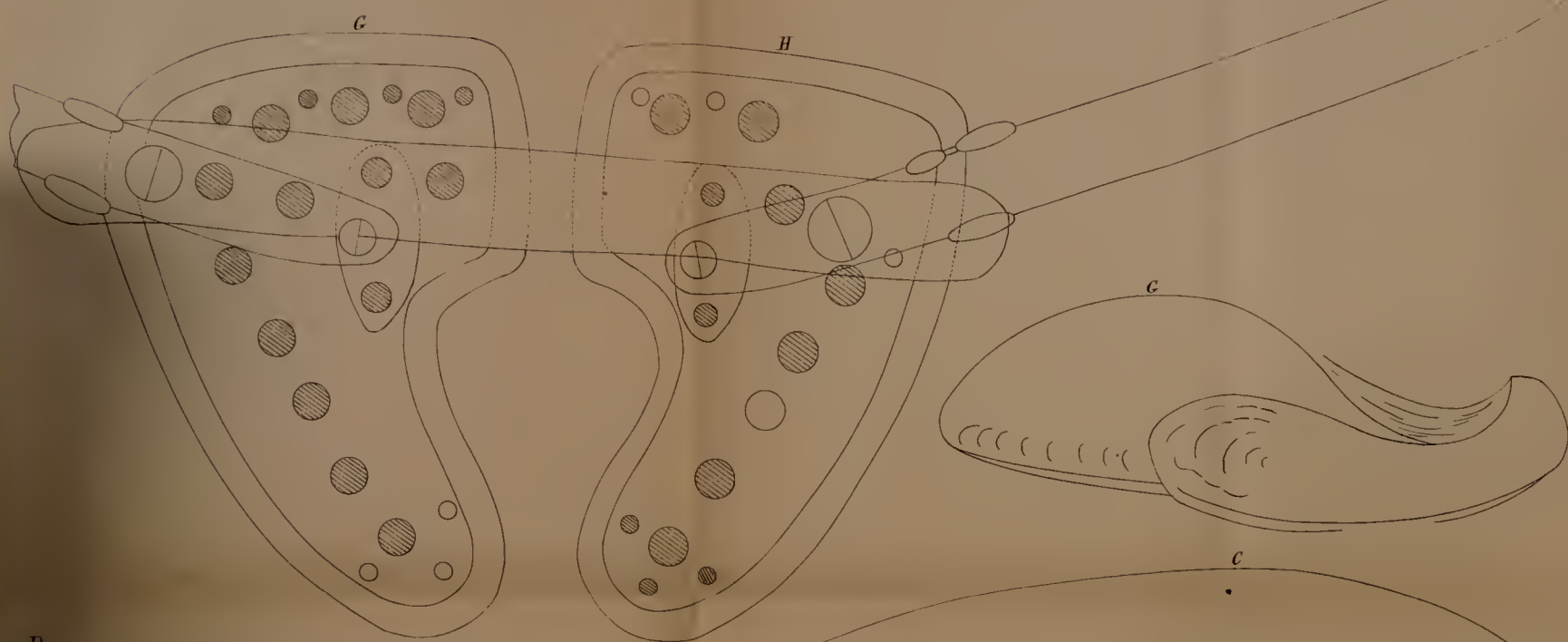
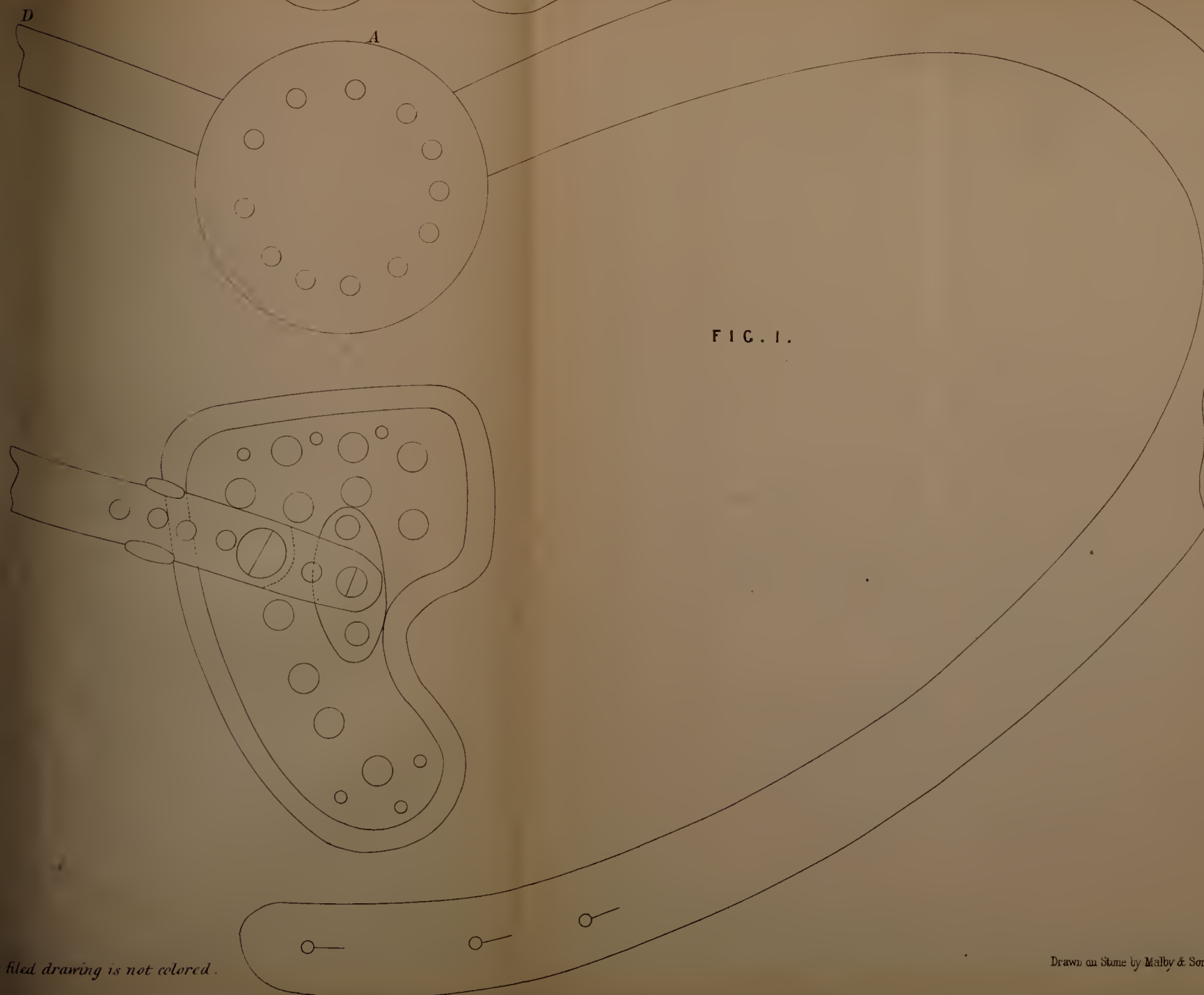


FIG. 1.



The filed drawing is not colored.

Drawn on Stone by Malby & Sons

